|  |  |
| --- | --- |
| **1.** (4*x*2 + 4*x* + 1) + (4*x* + 20) | **2.** (–7*x*2 + 9*x* – 15) + (8*x* – 8) |
| **3.** (5*x*3 – 6*x* + 10) + (*x*3 + 10*x* – 9) | **4.** (3*x*2 + 3*x* – 9) + (5*x*2 + 7*x*3 – 4) |
| **5.** (8*x*2 + 4*x* + 1) + (5*x*2 + 4*x* + 16) | **6.** (–*x*2 + 5*x* + 9) + (–*x*2 + 6*x* + 9) |
| **7.** (–12*x*3 – 8*x*2 – 7) + (6*x*3 + 9*x*2 – *x*) | **8.** (2*x*3 – 7*x*2 + 16) + (6*x*3 + 5*x*2 – 1) |
| **9.** (9*x*2 – 7*x* + 55) + (3*x* + 8) | **10.** (7*x*3 + 4*x* + 1) + (4*x*2 + 20*x*5) |
| **11.** (6*x*2 + 4*x* + 1) – (4*x* + 20) | **12.** (–7*x*9 + 12*x*6 – 12) – (5*x*9 + 4*x*6 – 9) |
| **13.** (8*x*3 – 6*x* + 10) – (*x*3 + 10*x* – 9) | **14.** (4*x*8 + 3*x* – 34) – (5*x*8 + 70*x* – 42) |
| **15.** (–9*x*2 + 44*x* + 2) – (7*x*2 + 10*x* + 99) | **16.** (–8*x*2 + 15*x* + 28) – (–*x*2 + 44*x* + 9) |
| **17.** (–16*x*3 – 12*x*2) – (6*x*3 – 11*x*2 – *x*) | **18.** (4*x*6 – 9*x*7 + 16) – (5*x*6 + 25*x*7 – 10) |
| **19.** (9*x*2 – 7*x* + 65) – (11*x* + 8*x*2) | **20.** (9*x*5 + 4*x* + 1) – (9*x*3 + 2*x*5) |
| **21.** Simplify (*xy*2 + 4*x* + 2*y*2) + (4*xy* + 7*x*2 – 10*y*2) – (3*y*2 – 3*x*2 – 3*xy*) | |
| **22.** Simplify (*y*2 + 10*xy*2 – 9*x* + 11*x*2) – (8*x*2 – 55*xy* – 4*y*2) + (–8*y*2 – 11*x*2 – 9*xy*) | |